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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

K1405 PCT	FOR FURTHER ACTION See No Prelimi	otification of Transmittal of International Inary Examination Report (Form PCT/IPEA/416)				
International application No. PCT/US 03/25662	International filing date (day/month/year) 15.08.2003	Priority date (day/month/year) 17.08.2002				
nternational Patent Classification (IPC) -105K9/00	or both national classification and IPC					
Applicant 3M INNOVATIVE PROPERTIES	S COMPANY					
This international preliminary Authority and is transmitted to	examination report has been prepared by the applicant according to Article 36.	this Internátional Preliminary Examining				
	otal of 4 sheets, including this cover sheet					
This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).						
These annexes consist of a t	otal of sheets.					
	the following items:					
	ons relating to the following items:	•				
Basis of the opin	ion					
Priority	ent of opinion with regard to novelty, invent	tive step and industrial applicability				
ny 🖂 Look of unity of it	nvention					
V M Passaned stater	Lack of unity of invention Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
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citations and exp	VII Certain defects in the international application					
VI □ Certain docume VII □ Certain defects i	n the international application					
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US 03/25662

I. B	asis	of	the	repo	t
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Desc	ription, Pages					
	1-44		as originally filed				
	Clair	ns, Numbers					
		ns, Nambers	as originally filed				
	1-31		as singularly mass				
	Drav	vings, Sheets					
	1/13	-13/13	as originally filed				
2.	With lang	ge, all the elements marked above were available or furnished to this Authority in the rnational application was filed, unless otherwise indicated under this item.					
	These elements were available or furnished to this Authority in the following language: , which is:						
		the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).					
		the language of public	cation of the international application (under Rule 48.3(b)).				
		the language of a trar Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under 3).				
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:						
		contained in the inter	national application in written form.				
		filed together with the international application in computer readable form.					
		furnished subsequently to this Authority in written form.					
		furnished subsequently to this Authority in computer readable form.					
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		The statement that the listing has been furn	he information recorded in computer readable form is identical to the written sequence ished.				
4	4. The amendments have resulted in the cancellation of:						
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				

INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

International application No.

PCT/US 03/25662

This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims Claims

No:

No:

No:

1-31

Inventive step (IS)

Yes: Claims

1-31

Yes: Claims

Claims

Claims

1-31

Industrial applicability (IA)

2. Citations and explanations

see separate sheet

INTERNATIONAL PRELIMINARY International application No. PCT/US03/25662 EXAMINATION REPORT - SEPARATE SHEET

Re Item V

The application relates to a conductive film (claim 1) and a method for forming a conductive film (claim 17).

As closest prior art is considered D1 (=US 4 965 408) disclosing a conductive film for EMI shielding comprising a flexible support, an extensive metal layer, a polymeric protective layer.

The subject-matter of claim 1 differs from D1 in that the protective layer of said film is made of crosslinked polymer and in that said film has at least one permanently deformed curved region.

The subject-matter of claim 1 thus is new (Art 33(2) PCT).

With respect to inventive step, the above mentioned distinguishing features enable the film to be, stretched, deformed and adhered over a non-planar substrate without cracking or creasing.

The technical problem to be solved may therefore be regarded as 'to provide a conductive film capable to be stretched, deformed in order to adopt a non-planar configuration without cracking or creasing'.

The other document cited in the search report D2 (=EP 873 839) discloses a composite magnetic sheet suitable for suppressing electromagnetic interference provided with embossed unevenness formed on both sides thereof in order to improve its EMI shielding performance. Therefore D2 teaches away from the solution suggested in claim 1.

Thus an inventive step is considered to be apparent (Art. 33(3) PCT).

Concerning the independent method claim 17, said method comprises all the steps for forming the new and inventive conductive film of claim 1. Therefore, independent claim 17 is regarded as new and inventive (Art 33(2)(3) PCT).

The rest of the claims are dependent on claims 1 and 17 and as such also meet the requirements of Art 33(2)(3) PCT with respect to novelty and inventive step.

The industrial applicability of the claims is also apparent (Art 33(4) PCT).